

Title (en)

PHOTOCROSSLINKED HYDROGEL BLEND SURFACE COATINGS

Title (de)

OBERFLÄCHENBESCHICHTUNGEN AUS PHOTOVERNETZTEN HYDROGELBLENDS

Title (fr)

REVETEMENTS DE SURFACE A MELANGE D'HYDROGELS PHOTORETICULES

Publication

EP 1735378 A1 20061227 (EN)

Application

EP 04821857 A 20040317

Priority

US 2004008210 W 20040317

Abstract (en)

[origin: WO2005095507A1] Hydrogel polymer blends including precursors and crosslinked forms of the compositions. The blends provide an improved approach to achieve high quality, uniform coatings with better commercial viability than other approaches including copolymerization. Applications include mass spectral analysis of biomolecular analytes such as proteins. Dextran and acrylamide systems are preferred. Benzophenone groups can be used as photocrosslinking groups. Photoinitiators are not needed. Functionalities which can selectively bind to biomolecular analytes are included.

IPC 8 full level

C08L 5/02 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2005095507A1

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